200Mbps Powerline AV Adapter Kit with Bonus Plug

TPL-304E2K (V1.0R)

The 200Mbps Powerline AV Adapter Kit with Bonus Plug, model TPL-304E2K, uses any electrical outlet to create a secure high speed building-wide network. Connect one adapter to your network and plug another adapter into any electrical outlet on your electrical system for instant high speed network access.

Never lose an electrical outlet with the built in socket on the front of the adapter. A Noise Filter maintains optimum connection speeds when everyday household appliances such as toasters, washing machines, and coffee makers create electrical background noise.

Connect adapters quickly using the convenient one-touch 'Sync' button. Use up to 8 adapters to network devices in different rooms without running new cabling. Power Save mode reduces power consumption by up to 70%. Quality of Service technology prioritizes video, audio, and online gaming. Advanced AES encryption secures your network. This adapter is ideal for use in buildings that interfere with wireless networking signals.

Features

- 1 x 10/100Mbps Auto-MDIX RJ-45 Ethernet port
- 1 x Electrical power socket
- Plug in up to 7 additional TPL-304E for instant building connectivit
- Diagnostic LEDs convey Power, Powerline, and Ethernet activity
- Electrical Noise Filter boosts performance
- One-touch connect button networks adapters quickly**
- Power Save mode reduces electrical consumption by 70%
- Advanced encryption (AES) ensure total network security
- Windows based configuration utility for a quick and simple installation
- IPv4 and IPv6 network protocol support
- Supports Wake-On-Link when in Standby mode
- Neighbor network support for up to 4 overlapping networks
- Network signal transmitted up to 300 meters (984 ft.)
- Auto QoS support through traffic classification and multiple priority queuing
- Configuration utility compatible with Windows 7, Vista, and XP operating systems
- Plug & Play support
- 3-year limited warranty

* 200Mbps is the maximum theoretical data rate. Actual throughput will vary depending on environment.
** Networked Powerline devices need to be plugged into power outlets that are on the same electrical system.
*** It is not recommended to use this product on electrical systems that use AFCI circuit breakers or plugged into GFI protected outlets as this may cause performance degradation or loss in connectivity.

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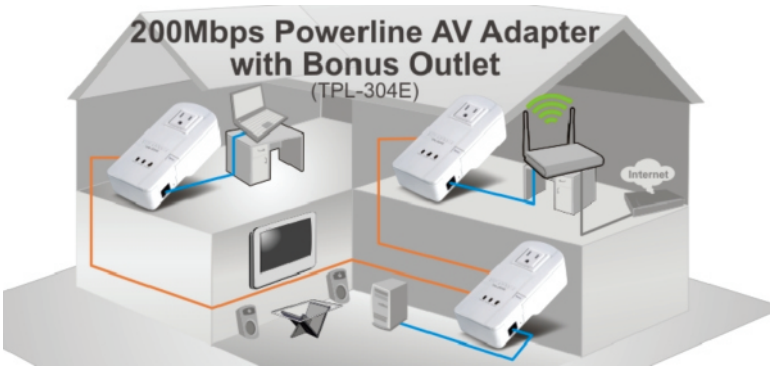
SPECIFICATIONS

Hardware	
Standards	• IEEE 802.3, IEEE 802.3u, IEEE 802.3x, HomePlug AV
Interface	• 1 x 10/100Mbps Auto-MDIX RJ-45 Port • 1 x Electrical power socket • 1 x Sync button
Frequency Band	• 2 ~ 30 MHz
Modulation	• OFDM, QAM, QPSK, BPSK, ROBO
Speed	• Powerline: Up to 200Mbps • LAN: 200Mbps with Full Duplex mode
Utility Comptibility	• Windows 7 (32/64-bit), Vista (32/64-bit), XP(32/64-bit)
Nodes	• Connect up to 8 adapters
Encryption	• 128-bit AES
LED	• Power, Powerline, Ethernet
Dimension (L x W X H)	• 148 x 65 x 67 mm (5.8 x 2.6 x 2.6 in.)
Weight	• 181.4 g (6.4 oz)
Power Source	• A: 120V (max) • EU: 250V (max)
Consumption	• Active mode: 3.5 Watts (max.) • Standby mode: 0.93 Watts (max.)
Temperature	• Operating: 0° ~ 40° C (32° ~ 104° F) • Storage: -10° ~ 55° C (14° ~ 131° F)
Humidity	• Max. 95% (non-condensing)
Certifications	• CE, FCC

NETWORKING SOLUTIONS



PACKAGE CONTENTS

- TPL-304E2K
- Multi-Language Quick Installation Guide
- CD-ROM (Utility and User's Guide)
- 2 x Cat. 5 Ethernet cable (1.8 m / 6 ft.)

RELATED PRODUCTS

TPL-304E	200Mbps Powerline AV Adapter
TWG-BRF114	4-Port Gigabit Firewall Router
TEW-637AP	300Mbps Wireless Easy-N-Upgrader

CONTACT INFORMATION

TRENDnet®
20675 Manhattan Place,Torrance, CA 90501 USA
Tel: 1-310-961-5500
Fax: 1-310-961-5511
Web: www.trendnet.com
Email: sales@trendnet.com
1-888-326-6061

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